

CURRICULUM VITAE

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Division of General Internal Medicine
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Education and Post-Doctoral Training

9/1973-5/1977	University of Michigan, Ann Arbor, MI; B.S. with Honors (Zoology and Microbiology); May, 1977
7/1977-6/1980	Ohio State University College of Medicine, Columbus, OH; M.D. June, 1980
7/1980-6/1981	Henry Ford Hospital, University of Michigan Affil., Detroit, MI; Categorical Internal Medicine (Intern)
7/1981-6/1983	Henry Ford Hospital, University of Michigan Affil., Detroit, MI; Categorical Internal Medicine (Resident)

Certification and Licensure

1978-1980	Diplomate, National Board of Medical Examiners – Parts I-III
9/1983-present	American Board of Internal Medicine (#092734)
8/1983-2008	Physician and Surgeon, State of Illinois (#036-066835)
8/2006-present	Physician, State of Michigan (#4301088824)
6/2007	Buprenorphine Training and Certification Course
12/2008-present	American Board of Addiction Medicine (#626449)

Academic, Administrative and Clinical AppointmentsAcademic Appointments/Positions

8/1983-8/1984	Staff Physician – Michael Reese Hospital and Health Plan, Chicago, IL
9/1984-9/1985	Instructor of Clinical Medicine, Department of Medicine, University of Chicago Pritzker School of Medicine, Chicago, IL
9/1985-9/1993	Assistant Professor of Clinical Medicine, Department of Medicine, University of Chicago Pritzker School of Medicine, Chicago, IL
9/1993-6/1996	Associate Professor of Clinical Medicine, Department of Medicine, University of Chicago Pritzker School of Medicine, Chicago, IL
7/1997-12/2005	Clinical Associate Professor of Medicine, Department of Medicine Rosalind Franklin School of Medicine and Science (formerly, The Chicago Medical School), North Chicago, IL
3/2005-12/2005	Visiting Associate Professor of Clinical Medicine, Department of Medicine, University of Illinois Medical School, Chicago, IL
9/2006-8/2017	Clinical Assistant Professor of Medicine, Division of General Internal Medicine, Department of Medicine, University of Michigan, Ann Arbor, MI
3/2008-9/2017	Clinical Assistant Professor of Medicine, Department of Anesthesiology, University of Michigan, Ann Arbor, MI
9/2017-12/2020	Clinical Associate Professor of Medicine, Depts. Of Medicine and Anesthesiology, University of Michigan, Ann Arbor
1/2021-present	Emeritus Associate Professor of Medicine, Dept. of Medicine, UM

Clinical and Administrative Appointments

9/1985-6/1988	Director, University of Chicago General Internal Medicine Consultation Service
9/1986-6/1993	Director, University of Chicago Anticoagulation Clinic
3/1990-6/1995	Residency Program Director, University of Chicago B Programs in Categorical, Preliminary and Transitional Medicine at Weiss Hospital, Chicago, IL

3/1990-6/1995	Coordinator, Univ. of Chicago/Weiss Medicine Training Affiliation
9/1995-5/1996	Course Director, UC Physical Diagnosis course at Weiss Hospital Chicago, IL
7/1996-10/2003	Director of Inpatient Medicine Services, Mount Sinai Hospital, Chicago, IL
7/1996-10/2003	Associate Residency Program Director/Site Coordinator, Chicago Medical School Internal Medicine Residency Program
4/1998-10/2003	Director, Pain Consultation Service, Mount Sinai Hospital
10/1999-10/2003	Director, Anticoagulation Center, Mount Sinai Hospital
11/2003-12/2005	Director, Performance Improvement, Department of Medicine, Illinois Masonic Hospital, Chicago, IL
1/2004-12/2005	Director, Anticoagulation Clinic, Illinois Masonic Hospital
9/2006-8/2017	Clinical Assistant Professor of Medicine, University of Michigan
9/2007-6/2015	Orders Management Project (Computerized Physician Order Entry) Physician Executive
3/2008-8/2017	Clinical Assistant Professor, Anesthesiology Back and Pain Center, University of Michigan

Academic Interests

Pain and opioid therapy management; prescription drug addiction

Clinical pathways development, computerized physician order entry
and improving practice quality

Grants (current and past)

09/2020-08/2023	<i>Reframing Optimal Management of Pain and Opioids in Older Adults.</i> AHRQ-DHHS-US- 20-PAF05277. (Principal Investigator: Daniel Berland) \$2,049,983
01/2020-12/2021	<i>Michigan Opioid Collaborative BCBSM.</i> 20-PAF01412. Co-I with Effort (Principal Investigator: Amy S B Bohnert) \$1,499,176

09/2017-10/2020 Past: *Community Interventions to Reform Prescribing and Prevent Opioid Abuse in Detroit and Wayne County*. US Dept. of Health and Human Services, Office of Minority Health. (Principal Investigator: Daniel Berland) \$349,978

10/2019-04/2020 Past: *The Michigan Opioid Collaborative: A Training and Support Program for Clinicians Treating Opioid Use Disorders*. SubK SAMHSA-DHHS-US through a consortium with MDHHS- 20 PAF03692. Co-I with Effort (Principal Investigator: Amy S B Bohnert) \$196,307

Honors and Awards

1977 B.S. Honors in Zoology, University of Michigan, Ann Arbor, MI

1977 B.S. "With Distinction" in Microbiology, University of Michigan, Ann Arbor, MI

1978 College of Medicine Physiology Award, Ohio State University, Columbus, OH

1997-present Fellowship, American College of Physicians

2008-2020 Various Patient Safety and "You're Super" awards, UM

2016-2020 Fellowship, American Society of Addiction Medicine

Membership in Professional Societies

1987-present Fellow, American College of Physicians (#00189973)

2007-present American Society of Addiction Medicine (#626449)

Editorial Positions and Peer-Review Service

Manuscript reviewer/Editor

2003 *JAMA*

2015-present *Prescriber's Letter and Pharmacists' Letter*

Peer Review

1989-1996 Certified Reviewer for PRO, Crescent Counties Foundation for Medical Care, Chicago, IL

Teaching

9/1984-6/1996	Attending, General Internal Medicine Inpatient Services, University of Chicago Hospital
9/1984-6/1993	Attending, General Internal Medicine Resident Clinics, University of Chicago Hospital
7/1987-6/1993	Attending, Junior Student Medicine 303, University of Chicago
9/1984-5/1996	Attending, Physical Diagnosis Course, University of Chicago
4/1990-6/1996	Attending, Morning Report, University of Chicago/Weiss Hospital
4/1990-5/1996	Attending, Medicine Inpatient Services, University of Chicago/Weiss
4/1990-6/1996	Lecturer, Various topics (including Consultation Medicine, Medical Informatics, Diabetes, Acid-Base analysis, Fluid and Electrolyte Management, Pain Management, Career Planning), University of Chicago Program B/ Weiss Hospital Lecture Series
7/1992-6/1995	Moderator, Journal Club, University of Chicago/Weiss Hospital
7/1993-6/1996	Attending, General Internal Medicine Resident Clinics, University of Chicago/Weiss Hospital
6/1992-6/1996	Pre-residency training course for University of Chicago Program B/ Weiss residents
7/1996-10/2003	Attending Physician, General Internal Medicine Inpatient Services, Chicago Medical School, Mount Sinai Hospital, Chicago, IL
7/1996-6/2002	Medicine Core Clerkship Course instructor, Chicago Medical School
7/1996-10/2003	Attending Physician, Resident Clinics at Mount Sinai Hospital
9/1996-4/2003	Attending, Physical Diagnosis Course, Chicago Medical School
7/1996-10/2003	Attending and Curriculum Coordinator, Intern Report, Chicago Medical School Residency Program
1996-2003	Lecturer, Various topics (including Consultation Medicine, Medical Informatics, Diabetes, Acid-Base analysis, Fluid and Electrolyte Management, Pain Management, Career Planning) Mount Sinai Hospital and Chicago Medical School

1999-2002	Guest Medicine Attending, Surgery Morning Report, Chicago Medical School Department of Surgery (monthly)
11/2003-12/2005	Attending, Internal Medicine Inpatient Services, Illinois Masonic Hospital, Chicago Medical School and University of Illinois Affiliate
11/2003-12/2005	Attending, Medicine Resident Clinics, Illinois Masonic Hospital
11/2003-12/2005	Attending, Resident Morning Report, Illinois Masonic Hospital
11/2003-12/2005	Faculty Coordinator, Morbidity & Mortality and Near Miss Conferences, Illinois Masonic Hospital
11/2003-12/2005	Lecturer Various topics (including Consultation Medicine, Medical Informatics, Diabetes, Acid-Base analysis, Fluid and Electrolyte Management, Pain Management, Career Planning), Noon Conferences for residents and students of both CMS and UIC at Illinois Masonic Hospital
9/2006-12/2020	Attending, Internal Medicine Inpatient Teaching Services, University of Michigan Hospital
9/2006-12/2020	Attending, Taubman Medicine Resident Clinic, UMich
12/2006-2013	Clinical Foundations of Medicine Course (M1 students), University of Michigan
12/2006-2013	Clinical Educator Program Sessions (M2 students), Univ. of Michigan
12/2006-2011	Feedback in Clinical Skills (M3 students), University of Michigan
9/2007-12/2020	Noon Conference Attending Presenter various topics (including Fluid/Electrolyte and IV Management, Acute and Chronic Pain Management, UM
8/2008	Acute Pain Management for the Hospitalist. Hospitalist Noon Conference, UM
9/2008	Managing Acute Pain in the Hospital. Intern Conference, UM
12/2008	Caring For the Drug Seeking Patient. Schwartz Rounds Panelist, UM
12/2008	Managing Chronic Pain in the Clinic. Family Medicine Conf., UM
2/2009	Acute Pain Management in the Hospital. Family Medicine Conf., UM

2/2009	Managing Chronic Pain in the Clinic. Medicine Resident Conference, UM
2/2009	Understanding the Ins and Outs of Buprenorphine. Hospitalist Noon Conference, UM
3/2009	Acute Pain Management on the Surgery Service. Surgery Resident Conference, UM
9/2009-12/2020	Resident Ambulatory Morning Report
3/2010	Opioid Management training session for UM PharmDs
2011-2020	Numerous student and resident rotators for Pain teaching from Medicine, Family Medicine, Spine Program, Psychiatry, Addiction
8/2011	David Cooke, MD faculty sabbatical 2-month training in pain and opioid management
8/2012	Third Year Student Clerkship Seminar: Principles of Pain Management, August
2012	Clinical faculty development workshops on managing controlled substance therapy at East Ann Arbor, Dexter and Brighton, Jun-Nov
10/2013	Anita Kirsch, MD faculty sabbatical 2-month training in pain and opioid management
3/2014	After hours buprenorphine training session for Drs. Soyster and McMaster from Canton.
On-going	UM Resident Morning Report, UM Medicine and Family Medicine Noon conference speaker on various topics; UM Pain fellow conferences, GMO Clinic supervisor
10/2015	Remedial UM Fam Med Faculty education and training

Committee, Organizational and Volunteer Service

Institutional

1989-1991	Clinical Services Laboratory Committee, University of Chicago Hospitals
1991-1993	Medical Records Computerization Committee, UC Hospitals
1990-1995	Patient Care Evaluation Committee, UC/Weiss Hospital

1990-1995	Medical Staff Executive Committee, UC/Weiss Hospital
1990-1995	Chairman, Teaching and Evaluations Committee, UC/Weiss Hospital
1990-1996	Education Committee, UC/Weiss Hospital
1995-1996	Laboratory Information Systems Development Committee, UC/Weiss
1990-1996	Utilization Review Committee, UC/Weiss Hospital
1997-2003	Executive Committee, Chicago Medical School
1997-1998	Chairman, Chicago Medical School Residency Curriculum Committee
1997-2003	Information Systems Steering Committee, Sinai Health Systems
2003-2005	Education Committee, Department of Medicine, Mount Sinai Hospital
2003-2005	Coordination of Care Committee, Advocate Health Care System
2003-2005	Patient Safety Committee, Advocate Illinois Masonic Hospital
2003-2005	Performance Improvement Committee, Illinois Masonic Hospital
2003-2005	Physicians Informatics Advisory Committee, Illinois Masonic Hospital
2004-2005	Clinical Practice Council, Advocate Illinois Masonic Hospital
2003-2005	Chair, Performance Improvement Committee, Department of Medicine, Advocate Illinois Masonic Hospital
2003-2005	Illinois Masonic CareConnection CPOE Development Committee
2003-05	Adverse Drug Events Review Sub-Committee, Illinois Masonic Hospital
2006-08	Physician Executive, CareLink Orders Management Project (CPOE), Univ. of Michigan
2007- present	Pain Team Board, University of Michigan Pain Service
2007- present	Pain Management Committee, University of Michigan
2007-2009	Pain/Opioid Policy and Guideline Subcommittee, UM
2008-13	Medication Adverse Reactions Committee, UM

2008-2010	Clinical Documentation Committee, UM
2009-2014	Medication Safety Sub-Committee of Pharmacy and Therapeutics, UM
2009- present	Pain QI Committee, UM (Committee Co-chair: 2009-2014), UM

State and National

10/1999-11/1999	Expert Panelist for Establishment of Standards for the Clinical Skills Assessment Examination, Educational Commission for Foreign Medical Graduates, Philadelphia, PA
1997-2001	Education Committee, Association of Program Directors in Internal Medicine
7/2009	FDA Opioid REMS Stakeholders Meeting, Washington, DC
11/2011-6/2016	Governor's Advisory Committee on Pain and Symptom Management, Lansing, MI
1/2015-	Washtenaw Health Initiative Opioid Project

Volunteer

1999-2006	Lakewood Balmoral National Historic District Landmarking Committee
2001-05	American Youth Soccer League volunteer (field and office)
2002-2004	Volunteer physician, Community Free Clinic, Chicago, IL
2004-2005	Volunteer physician, Helping Hands Clinic, Chicago, IL
2006-2019	Burns Park Players Community Theater, Ann Arbor, MI
2016-present	Voters Not Politicians – Proposition 2 (Independent Redistricting Commission) and anti-voter suppression action. Roles: volunteer signature gathering, public educational presenter, canvasser, application workshop leader
2017-2018	Promote the Vote (2018 election) volunteer canvasser

Visiting Professorships, Seminars and Extramural Invited Presentations

State and Local

8/1986	Case Discussant, Grand Rounds, Department of Medicine, University of Chicago
10/1993	Group Discussion Session Leader, American College of Physicians Illinois Associates Meeting, Chicago, IL
10/1997	“The Internet for Physicians and Other Health Care Workers” Department of Medicine Grand Rounds, Mount Sinai Hospital
1997-2003	Guest Lecturer: Management of Fluid and Electrolyte Imbalance; Assessment of Oxygenation; Management of Oxygen Therapy Malcolm X College/Cook County Physician Assistant Program
1998-2003	Lecturer, Chronic pain management and other topics in Internal Medicine, Family Practice Residency Conferences, Mount Sinai Hospital, Chicago, IL
7/1999	“Update on Anticoagulation in Rehab Patients” Grand Rounds, Schwab Rehabilitation Hospital, Chicago, IL
4/2002	“Use of handheld computing devices in Medicine” Chicago Medical School Retreat
10/2002	“Changing a Hospital’s Practice of Pain Management” Grand Rounds, Mercy Hospital, Chicago, IL
7/2005	“Modern Medical Practice – Are You Ready to be a Techno-Geek?” Pediatric Grand Rounds, Illinois Masonic Hospital, Chicago, IL
3/2009	Managing Chronic Pain in the Clinic Setting. Bone Marrow Transplant Service Special Conference, UM
3/2009	“Managing Chronic Pain in the Clinic – Practicing Universal Precautions.” Pain for the Non-Pain Specialist, Department of Anesthesiology Conference, UM
4/2009	Managing Chronic Pain in the Clinic – Practicing Universal Precautions. Rheumatology Faculty/Fellows Conference, UM
9/2009	Acute and Chronic Pain Management. UM Emergency Department Grand Rounds
2/2010	Managing Chronic Pain and Opioids. UM Physical Medicine and

Rehabilitation Grand Rounds

10/2010	“Managing Chronic Pain and Controlled Substances in the Office” Southeastern Michigan Update in Family Medicine. Ann Arbor, MI
11/2010	“Chronic Pain and Opioid Management – The UM Guideline” Department of Obstetrics and Gynecology Grand Rounds, UM
12/2010	“Managing Pain and Opioid Therapy in the Office – A Time For Change” Department of Medicine Grand Rounds, UM
2/2011	“Managing Pain and Opioid Therapy in the Office” University Health Service Continuing Medical Education Lecture Series, Ann Arbor, MI
3/2011	“Pain Management and Opioids – A Time For Change” Common Problems in Office Practice, CME Conference, Plymouth, MI
9/2011	“Rational Use of Controlled Medications” Workshop, American College of Physicians Michigan Chapter Annual Scientific Meeting, Grand Rapids, MI
6/2012	“Peri-operative Analgesic Management - The Limited Role For Opioids” Orthopedic Grand Rounds, UM
6/2012	“Anticipating and Managing Pain in the Era of Prescription Drug Abuse - the Appropriate Use of Analgesics” Transplant Surgery Conference, UM
11/2012	“Managing Chronic Pain – the Limited Role For Opioids” Hurley Medical Center Workshop, Flint, MI
11/2012	“Managing Chronic Pain in the Era of Prescription Drug Abuse” St. Joseph Mercy Hospital Grand Rounds, Ypsilanti, MI
1/2013	“Chronic Pain: Evidence, Clinical Pearls and Practical Tools for Managing Your Patients.” A full day conference for health care providers, Midland, MI [programmer, organizer, conference speaker]
1/2013	“Managing Chronic Pain – a Limited Role For Opioids” Providence Hospital Grand Rounds; case management workshop, Southfield, MI
2/2013	“Anticipating and Managing Pain in the Era of Prescription Drug Abuse – Appropriate Use of Analgesics” UM Trauma Burn Conference
3/2013	“Managing Pain and Controlled Medications” UM Geriatrics

Workshop

- 4/2013 “Pain and Rational Analgesic Management in the Hospital Setting” Hurley, McLaren, Genesys Hospitals evening workshop, Flint, MI
- 9/2013 “Chronic Pain: Evidence, Clinical Pearls And Practical Tools for Managing Your Patients.” A full day conference for health care providers, Lewiston, MI [programmer, organizer, chair and conference speaker]
- 10/2013 “Insidious Epidemic of Benzodiazepine Use and Abuse” A two part clinician workshop on anxiety and rational medication use. Michigan Academy of Family Physicians Fall Update, Ann Arbor, MI
- 10/2013 “Issues in Substance Abuse and Substance Abuse Disorder: What the Practicing Clinician Needs to Know (workshop) – Neurobiology of Addiction and Physiology of Chronic Pain; Rational Opioid and Sedative Prescribing; Case Discussions; Medical Marijuana – Review of Clinical Evidence. Troy, MI
- 11/2013 Visiting Professor, Grand Rounds, Case Conference “Managing Chronic Pain in the Era of Prescription Drug Abuse – What Have We Done?” St. Johns Hospital, Detroit, MI
- 4/2015 Ambulatory Pain and Controlled Medication Evaluation and Management Workshops. Saginaw VA
- 5/2015 “Managing Chronic Pain in the Era of Prescription Drug Abuse. Full Day workshop. Alma, MI
- 6/2015 “Chronic Pain Management Tools and Clinical Pearls” “Epidemiology of Benzodiazepine Use and Abuse” 51st Annual Update on Common Clinical Concerns in Primary Care, Shanty Creek, Bellaire, MI
- 11/2015 “Responsible Prescribing Practices in Pain Management” MidMichigan Health daylong continuing education symposium, Midland, MI
- 5/2016 “An Opioid Epidemic – Reversing the Trend While Improving Patients’ Pain, Function and Lives. Lost Lake Woods Resort, Lincoln, MI
- 5/2016 PMR Pain Management Workshop: “Finding Balance When Managing Chronic Pain to Maximize Function and Minimize Harm” Spectrum Blodgett Hospital, Grand Rapids, MI

9/2016	“Finding Balance When Managing Chronic Pain to Maximize Function and Minimize Harm” Family Medical Ctr. of MI. Temperance, MI
10/2016	“Navigating Pain Management – Tools and Solutions For Physicians and Health Care Providers” full day workshop, Traverse City, MI
6/2017	Visiting Professor - Pain and Controlled Medication Management Workshop: Grand Rounds, hospital rounds, noon conference. St. John Hospital, Detroit, MI
5/2018	“Chronic Pain, the Opioid Epidemic, the CDC Guideline, New State Laws – Now What Do I Do? Alcona Health Center, Alpena, MI
5/2018	“Managing Pain in the Era of An Opioid Epidemic” All day workshop. McLaren Northern Michigan, Cheboygan, MI
6/2018	“Opioid Management Challenges” Detroit War Memorial/St. John Providence Ascension half day conference, Detroit, MI
9/2018	“Chronic Pain, the Opioid Epidemic, the CDC Guideline, New State Laws – Now What Do I Do? MidMichigan Gratiot Center half day conference. Alma, MI
10/2018	“Chronic Pain, the Opioid Epidemic, the CDC Guideline, New State Laws – Now What Do I Do? Plenary and breakout sessions at UM Fall Update in Family Medicine. Ann Arbor, MI
10/2018	“Continuing the Opioid Conversation: Tapering, Alternatives, Pharmacology and Overdoses” Thunder Bay Resort, Hillman, MI
1/2019	“The Insidious Epidemic of Benzodiazepine Use and Abuse” Providence Hospital Grand Rounds, Southfield, MI
1/2019	“Buprenorphine Prescribing in the Pain Patient” Webinar series
2/2019	“Pain and Opioid Management – Putting Words into Action” Authority Health evening workshop. Detroit, MI
6/2019	NW Michigan Health Dept. and Thunder Bay Pain Management Webinar
6/2019	UM Benzodiazepine Epidemic conference. UM, Ann Arbor
10/2019	“The Insidious Epidemic of Benzodiazepine Use and Abuse” Plenary and breakout sessions. UM Sports Medicine and Fall Update in Family Medicine. Ann Arbor, MI

8/2020- present Buprenorphine Management in Patients with Pain – Spring and Fall
Webinars for the Michigan Opioid Collaborative

National

10/1997 “Intern Report: Teaching a Uniform Skills Set to PGY1’s in Internal
Medicine” (poster). Teaching Internal Medicine Conference, Chicago,
IL

9/1998 “Resident Recruitment and Retention”
Pre-course Workshop, Association of Program Directors in Internal
Medicine (APDIM), Chicago, IL

3/2009 “Acute Pain and Opioid Management in the Hospital Setting”
Medicine Grand Rounds, Methodist Hospital, Des Moines, IA

3/2009 “Managing Pain and Opioids in the Office – Practicing Universal
Precautions” Special Guest Presentation, Iowa Health System,
Des Moines, IA

5/2009 Controlled Substance Prescription Management in the Resident
Continuity Clinics – Establishing Policies and Procedures
Society of General Internal Medicine (SGIM) Pre-course, Miami, FL

7/2009 Internet Self-Study CME Activity: Managing Chronic Non-Terminal
Pain Including Prescribing Controlled Substances. Co-author.
Audience: primary care clinicians and other health care providers who
treat adults with this condition. (Available through the UM CME web
site: cme.med.umich.edu)

10/2010 Visiting Professor. “Chronic Pain and Controlled Substance
Management.” Grand Rounds and Case Conferences. Susquehanna
Health System, Williamsport, PA

11/2011 Visiting Professor. “Acute Pain and Opioid Management in the
Hospital Setting” Grand Rounds and Case Conferences. Susquehanna
Health System, Williamsport, PA

3/2012 Visiting Professor. Iowa Required CME on Management of Pain and
Opioids: in Both the Inpatient and Outpatient Settings. Grand Rounds
and Case Conferences. Des Moines, IA

8/2012 “Managing Chronic Non-Terminal Pain: All Roads Don’t Lead to
Opioids” South Carolina Opioid Safety Initiative Conference,
Charleston, SC

8/2012	Opioid Safety, State Policy and Strategies for Success. South Carolina Opioid Safety Initiative Conference, Charleston, SC
3/2014	Managing Chronic Pain in the Elderly - Maximizing Function, Minimizing Harm” Geriatric Grand Rounds, Rush Medical School, Chicago, IL
9/2014	Pharmacist Controlled Medication Management training. Medical University of So. Carolina – via Skype
3/2015	Visiting Professor: Inpatient and Ambulatory Pain and Analgesic Evaluation and Management Faculty, Resident and Student Workshops. Lankeau Medical Center, Philadelphia PA
8/2016	Visiting Professor: Ambulatory Pain assessment and Management Grand Rounds; consultant to the Opioid Reduction Task Force; Meeting with Nursing regarding inpatient pain management and Epic. Rush University, Chicago, IL
10/2016	“The Opioid Crisis: The Primary Care Perspective. Midwest Pain Society, Chicago IL
4/2017	“Frontline Pain Management” Full day workshop plus full day with health system leadership. Regional Health, Rapid City, SD
4/2018	“ACP Pop-Up Education” Detection and assessment of opioid overdose, and the use of naloxone. American College of Physicians Annual Meeting New Orleans, LA.

Bibliography

Peer-Reviewed Journals and Publications

1. Berland DW, Chu JS, Hosley MA, Jones LB, Kaliszewski JM, Lawler WC, Oakley B. New approaches to the problem of the trophic function of neurons. *Olfaction and Taste VI*, Paris, 1977.
2. Berland D. Internal medicine and pretraining for international medical graduates. Letter. *Annals of Internal Medicine* 1992; 118:397.
3. Bennett CL, Schwartz D, Lane D, Sipler A, Bhattacharya M, Kozloff M, Berland D, Pitrak D, Moswin A. Variations in inpatient care for HIV-related tuberculosis patients during a recent nosocomial outbreak of multidrug-resistant tuberculosis. Letter. *Journal of Acquired Immune Deficiency Syndromes* 1999; 21(4):348-49.
4. Berland D. Pain management in patients with advanced cancer. Letter. *Annals of Internal Medicine* 2000; 132:593.

5. Montanez A, Berland D. First steps in quality improvement: a pilot program for the management of acute sickle cell pain. *Journal of Clinical Outcomes Management* 2002; 9:19-26.
6. Parada FP, Deloria-Knoll M, Chmiel JS, Arozullah AM, et al. Relationship between health insurance and medical care for patients hospitalized with human immunodeficiency virus-related *pneumocystis carinii* pneumonia, 1995-1997: Medicaid, bronchoscopy and survival. *Clinical Infectious Diseases* 2003; 37:1549-1555.
7. Sureka, A, Parada JP, Deloria-Knoll M, Chmiel, JS, et. al. HIV-related pneumonia care in older patients hospitalized in the early HAART era. *AIDS Patient Care and STDs* 2004; 18:99-107.
8. Khraisat, A, Shanaah, A, Aljaghbeer E, Berland D, Cannady, P. Morning report emails: a unique model to improve the current format of an internal medicine training tradition. Letter. *Medical Teacher* 2007; 29(4):413.
9. Brummet C, Berland D, et al. Dexmedetomidine as a novel therapeutic for post-operative pain in a patient treated with buprenorphine. *Journal of Opioid Management* 2009; 5:175-179.
10. Berland DW, Rodgers PE, Green CR, Harrison RV, Roth RS. Managing Chronic Non-Terminal Pain Including Prescribing Controlled Substances. Ann Arbor, MI: Office of Clinical Affairs, University of Michigan Health System, 2009. Revised 2011. [Available from the Agency for Healthcare Research and Quality at www.guideline.gov] [practice guideline].
11. Berland D, Rodgers P. Rational use of opioids for management of chronic nonterminal pain. *Am Fam Physician* 2012; 86(3):252-258. [review article]
12. Rao K, Berland D, Young C, Walk ST, Newton DW. The nose knows not: poor predictive value of stool sample odor for detection of clostridium difficile. *Clin Infect Dis* 2013; 56(4):615-16. [letter]
13. Berland DW, Malinoff HL, Weiner MA, Przybylski, R. When opioids fail in chronic pain management: the role for buprenorphine and hospitalization. *Amer J Ther* 2013; 20:316-21.
14. Wasserman RA, Hassett AL, Malinoff HL, Berland DW, et. al. Pressure pain sensitivity in patients with suspected opioid-induced hyperalgesia. *Reg Anesth Pain Med* 2015; 40:687-93.
15. Wasserman RA, Hasset AL, Goesling J, Malinoff, HL, Berland, DW, et. al. Pressure sensitivity and phenotypic changes in patients with suspected opioid-induced hyperalgesia being withdrawn from full mu agonists. *J Nat Sci* 3(2): e319, 2017.
16. Rihn JA, Radcliff K, Norvell DC, Eastlack R, Phillips FM, Berland D, Sherry N, Freedman M, Vaccaro AR. Comparative effectiveness of treatments for chronic low back pain, a multiple treatment comparison analysis. *Clin Spine Surg* 2017; 30:204-225.

17. Fenske JN, Berland DW, Chandran S, Harrison RV, Hilliard PE, Schneiderhan J. Pain Management [Internet]. Ann Arbor (MI): Michigan Medicine University of Michigan; 2021 January. Available from <https://www.ncbi.nlm.nih.gov/books/NBK572296/>. PubMed PMID: 34310088 and from UMHS at <http://www.uofmhealth.org/provider/clinical-care-guidelines>]

Book Chapter

1. Berland D, Haider N. Anticipating and Managing Perioperative Pain. Perioperative Medicine: Medical Consultation and Co-Management. 1st Ed. Jaffer A, Grant, P. Wiley-Blackwell. August, 2012.

Abstract

1. Berland D, Malinoff H, Weiner M. Medical Management of Patients Withdrawn from High Dose Opioid Therapy for Chronic Pain. Presented at: American Society of Addiction Medicine 43rd Annual Medical-Scientific Conference, Atlanta, GA, April, 2012.

Audio

1. Berland, D. Benzodiazepine use and abuse in anxiety disorders. Audio-Digest Family Practice 2015; vol. 63, issue 39 ISSN0271-1362.